PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT OPERATIONS

Art Unit:

(Examiner

Applicants:

OELMAIER et al.

Serial No:

09/787,065

Filed:

March 12, 2001

Title:

DEVICE FOR SUPPLYING OUTPUT DATA IN REACTION TO INPUT

)

DATA AND METHOD FOR CHECKING AUTHENTICITY AND

METHOD FOR ENCRIPTED DATA TRANSMISSION

Charlotte, North Carolina

May 16, 2001

Honorable Commissioner of Patents and Trademarks Washington, D. C. 20231

Dear Sir:

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I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231, on:May 16, 2001

May 16, 2001

Visa Camann

DOUGHERTY & CLEMENTS LLP

6230 Fairview Road, Suite 400

Charlotte, North Carolina 28210 Tel: 704/366-6642

Docket 3118



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SUPPLEMENT TO FORM SB/08A & 08B

INFORMATION DISCLOSURE CITATION EXPLAINING THE RELEVANCE OF EACH OF THE NON-ENGLISH REFERENCES CITED IN THE NATIONAL GERMAN AND INTERNATIONAL EXAMINATION PROCEEDINGS

- DE 0 313 967 (corresponds to US 5,818,738)
 W. Rankl & W. Effing: "Handbuch der Chipkarten"
- 3. DE 0 654 919 A2



INFORMATION DISCLOSURE STATEMENT REMARKS

The attached PTO Form PTO/SB/08A/08B is incorporated as part of the Information Disclosure Statement. A copy of each cited document is enclosed herewith.

Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designed as such.

In accordance with 37 CFR 1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

- 1) DE 0 313 967 (corresponds to US 5,818,738). Teaches a method for testing the authenticity of data carriers having integrated circuits, memory and logic means to determine physical properties of each circuit that are distinctive of this circuit and use them to obtain data characteristic of each circuit. According to the present invention, one preferably evaluates the different programming times of the memory cells of an E²PROM memory, an evaluation which can be determined by various methods and processed as distinctive characteristics. Other individual properties that can be utilized are, for example, distinctive features of a memory input.
- 2) W. Rankl & W. Effing: "Handbuch der Chipkarten". The technical publication by Rankl and Effing relates to authentication methods. It is the purpose of authentication to check the identity and authenticity of a communication partner. Please note that this reference only relates to authentication methods, rather than to an apparatus device for supplying output data in response to input data the apparatus having an electronic circuit and a unit for detecting operational data of the electronic circuit, wherein the operational data of the electronic circuit are used by an algorithm which is executed by the electronic circuit for generating the output data. Therefore, this reference is not pertinent to the present invention.

3) DE 0 654910 22 also relates to a method of authentication of a system part by another system part of an information communication system using the challenge response approach.

This reference also does not relate to an inventive device having an electronic circuit and a unit for detecting operational data of the electronic circuit which are influenced by an operation of the electronic circuit when said electronic circuit executes and algorithm, wherein the operational data detection unit is coupled to the electronic circuit such that the operational data of the electronic circuit are used by the algorithm, which is executed by the electronic circuit, for generating output data.

To summarize, this reference discloses a time diversity method in which the same information is transmitted at two time instances. Therefore, this reference is not pertinent to the present invention.

Respectfully submitted,

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U.S. PATENT DOCUMENTS							
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		W. RANKL & W. EFFING: "Handbuch der Chipkarten" 2-10-98, Carl hanser Verlag, Munchen Wien XP002127583 022759.	
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